



GTX

Superior Deposit Protection*

Description

Castrol® GTX® is re-engineered with TriShield™ technology to actively protect against deposit build-up. TriShield attracts, captures and disperses small deposit particles before they become big problems. Engine deposits can turn into a thick, dark substance that can wreak havoc within an engine, building up and clogging oil passages. Deposit build-up can lead to reduced gas mileage, decreased engine performance, and in some cases, engine seizure. What's worse, once it builds up in an engine, it's almost impossible to remove.

Features and Benefits

- **Unique TriShield technology provides superior deposit protection***
- **Maximum protection against viscosity & thermal breakdown**
- **Ultra-low friction to improve gas mileage****

* As tested in Sequence VG sludge test

**In 5W-20, 5W-30 and 10W-30 grades

Warranty and Protection Requirements

- Exceeds engine manufacturer's warranty requirements for applications requiring ILSAC GF-5, GF-4 and GF-3 and/or API SN, SM and SL

Specification 5W-20 5W-30 10W-30 10W-40 20W-50

API SN	x	x	x	x	x
SM	x	x	x	x	x
SL	x	x	x	x	x
SJ	x	x	x	x	x
ILSAC GF-5	x	x	x		
ILSAC GF-4	x	x	x		
ILSAC GF-3	x	x	x		
Chrysler MS 6395*	x	x			
Ford WSS-M2C153-H	x				
Ford WSS-M2C929-A		x			
Ford WSS-MC930-A	x				
Ford WWS-M2C945-A	x				
Ford WWS-M2C946-A		x			
GM 6094M*		x	x		

*Meets performance

Typical Characteristics

Name	Method	Units	5W-20	5W-30	10W-30	10W-40	20W-50
Viscosity @ 100°C	ASTM D445	cSt	9.1	10.5	11.31	14.3	18.09
Viscosity @ 210°F	ASTM D2161	SUS	56.1	61.7	63.9	75.2	90.4
Viscosity @ 40°C	ASTM D445	cSt	51.77	66.4	75.1	108.3	159.1
Viscosity Index	ASTM D2270		158	146	142	133	126
Low Temperature (C) Cranking Low Temperature (C) Cranking Viscosity	ASTM D5293	cP max	6,600@-30°	6,600@-30°	7,000@-25°	7,000@-25°	9,500@-15°

Name	Method	Units	5W-20	5W-30	10W-30	10W-40	20W-50
Low Temperature (C) Pumping Viscosity	ASTM D4684	cP max	40,000@-35°	40,000@-35°	50,000@-30°	60,000@-30°	60,000@-20°
HT /HS Viscosity	ASTM D4683	cP min	2.6	2.9	2.9	2.9	3.7
Pour Point	ASTM D97	F (C) max	-38 (-39)	-38 (-39)	-33 (-36)	-27 (-33)	-11 (-24)
Flash Point, PMCC	ASTM D93	C min	>200	>200	>200	>200	>200
Density @ 15C, Relative	ASTM D4052		0.862	0.862	0.878	0.887	0.884
Pounds per gallon			7.180	7.180	7.314	7.387	7.364

* The above figures do not constitute a specification. Due to continued product research and development, the information contained herein is based on products purchased in the U.S. Subject to change without notification. Typical properties may vary slightly

Additional Information

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the applications referred to above and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDSs are available upon request through your sales contact office, or via the Internet at www.castrol.com/us. This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment, return used oil to collection center.

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